

IN THE CLAIMS:

Please amend the claims as follows:

Claim 1 (Currently Amended): An information recorder comprising:
an acquiring means for acquiring, from the outside, a recorded information to be reproduced;
a viewing means for viewing the acquired recorded information;
a knowledge database for extracting keywords related to the viewed recorded information
to accumulate and store the keywords;
~~a preference-degree setting means for setting a preference degree of a user[[],]~~ ~~who reproduces the acquired recorded information,~~ for the recorded information per recorded information by comparing the keywords stored in the knowledge database with a keyword related to the recorded information to be reproduced;
an encoding-form setting means for responding to the set preference degree to set a reencoding form or deletion form for the acquired recorded information per recorded information;
a reencoding means for reencoding the corresponding acquired recorded information by using the set reencoding form to generate reencoded recorded information; [[and]]
an accumulating means for accumulating the generated reencoded recorded information;
a deleting means for deleting the corresponding recorded information accumulated in the accumulating means by using the set deletion form; and
a knowledge-database updating means for updating preference points assigned to the keywords stored in the knowledge database,

wherein the preference-degree setting means determines degree of matching between the keywords stored in the knowledge database and the keyword related to the recorded information to be reproduced to extract a matched keyword, thus setting the preference degree by adding or subtracting a preference point set to the extracted keyword.

Claim 2 (Currently Amended): The information recorder according to claim 1,
wherein the knowledge-database updating means for responding to viewing, storage and deletion of recorded information corresponding to a keyword to be updated to change a preference point related to the keyword further comprising a recording means for temporarily recording the acquired recorded information, wherein

~~the encoding form setting means responds to the set preference degree to set the reencoding form of the temporarily recorded information per recorded information, and the reencoding means reencodes the corresponding temporarily recorded information by using the set reencoding form to generate the reencoded recorded information.~~

Claim 3 (Cancelled).

Claim 4 (Currently Amended): The information recorder according to claim [[3]] 1,
wherein the preference-degree setting means further comprising:
a selecting means used by the user to select a preference degree from a plurality of preference degrees for the recorded information; and

a recording means for recording the selected preference degree per recorded information
~~deleting means controls a recording duration before deletion based on the set preference degree~~
~~to delete the recorded information from the recording medium.~~

Claim 5 (Currently Amended): The information recorder according to ~~any one of claims~~
~~1 to 4~~ claim 1, wherein

the preference-degree setting means includes:
~~a selecting means used by the user to select a preference degree from a plurality of~~
~~preference degrees for the recorded information; and~~
~~a recording means for recording the selected preference degree per recorded information~~
a reproduction-state recording means for accumulating and recording a previous
reproduction state of the user of each of the recorded information; and
a setting means for setting the preference degree per recorded information based on the
accumulated and recorded reproduction state.

Claims 6 and 7 (Cancelled).

Claim 8 (Currently Amended): An information recording program allowing a computer, included in an information recorder to acquire and record recorded information to be reproduced, to function as:

an acquiring means for acquiring the recorded information from the outside;
a viewing means for viewing the acquired recorded information;

a preference-degree setting means for setting a preference degree of a user[.] who reproduces the acquired recorded information; for the recorded information per recorded information by using a knowledge database for extracting keywords related to the viewed recorded information to accumulate and store the keywords and by comparing the keywords stored in the knowledge database with a keyword related to the recorded information to be reproduced, and for determining degree of matching between the keywords stored in the knowledge database and the keyword related to the recorded information to be reproduced to extract a matched keyword, thus setting the preference degree by adding or subtracting a preference point set to the extracted keyword;

an encoding-form setting means for responding to the set preference degree to set a reencoding form or deletion form of the acquired recorded information per recorded information;

a reencoding means for reencoding the corresponding acquired recorded information by using the set reencoding form to generate reencoded recorded information; [[and]]

an accumulating means for accumulating the generated reencoded recorded information; a deleting means for deleting the corresponding recorded information accumulated in the accumulating means by using the set deletion form; and

a knowledge-database updating means for updating preference points assigned to the keywords stored in the knowledge database.

Claim 9 (New): The information recording program according to claim 8, wherein the knowledge-database updating means responds to viewing, storage and deletion of recorded information corresponding to a keyword to be updated to change a preference point related to the keyword.